



280

PATENT
90500-000082/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Rached KSONTINI Patent No.: 8,001,615
Application No.: 10/577,158 Group No.: 2431
Filed: November 3, 2004 Examiner: Nathan Flynn
Issued: August 16, 2011
Conf. No.: 3063
For: METHOD FOR MANAGING THE SECURITY OF APPLICATIONS
WITH A SECURITY MODULE

REQUEST FOR CERTIFICATE OF CORRECTION

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

September 8, 2011

Attn: Certificate of Correction Branch

Certificate
SEP 13 2011
of Correction

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.322, please enter the attached Certificate of Correction.

Applicant notes that the Foreign Application Priority Data of the invention appearing on the page 1 of U.S. Patent No. 8,001,615 is erroneously printed 03104069. The correct Foreign Application Priority Data of the invention should read 03104069.4. Applicant respectfully submits the Declaration dated December 20, 2006 which notes the correct Foreign Application Priority Data.

Since the error noted is believed to be the fault of the Patent and Trademark Office, we are not enclosing the \$100.00 Certificate of Correction fee. If it is found to be to the contrary, please charge our Deposit Account No. 08-0750.

In view of the foregoing, issuance of the Certificate of Correction is respectfully requested.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: 

John A. Castellano, Reg. No. 35,094

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

JAC/ww

Enclosures: Certificate of Correction (PTO/SB/44)
Copy of Declaration

731376.1

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. 8,001,615
APPLICATION NO.: 10/577,158
ISSUE DATE August 16, 2011
INVENTOR(S) Rached KSONTINI

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(30) Foreign Application Priority Data

November 4, 2003 (EP)03104069.4

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Harness, Dickey & Pierce, P.L.C.
P.O. Box 8910
Reston, VA 20195

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



P-14-467-US

DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No.:

DECLARATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MANAGING THE SECURITY OF APPLICATIONS WITH A SECURITY MODULE

the specification of which (check one)

- ☐ is attached hereto.
or
☒ was filed on November 3, 2004 as Application Serial No. or
PCT International Application No. PCT/EP2004/052773 and was
amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

| PRIOR FOREIGN APPLICATION(S) | | | | |
|------------------------------|---------|----------------------------|-------------------------------------|--------------------------|
| APPN. SERIAL NO. | COUNTRY | DATE FILED (MM/DD/YYYY) | PRIORITY CLAIM | |
| | | | Yes | No |
| EP03104069.4 | EUROPE | 11.04.2003 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |

DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| PRIOR PROVISIONAL APPLICATION(S) | |
|----------------------------------|-------------------------|
| APPN. SERIAL NO. | DATE FILED (MM/DD/YYYY) |
| | |
| | |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

| PRIOR U.S. APPLICATION(S) | | |
|---------------------------|-------------------------|--|
| APPN. SERIAL NO. | DATE FILED (MM/DD/YYYY) | STATUS - PATENTED, PENDING, ABANDONED |
| | | |
| | | |
| | | |
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

| | |
|--------------------|-----------------|
| John A. Castellano | Reg. No. 35,094 |
| Terry L. Clark | Reg. No. 32,644 |
| Donald J. Daley | Reg. No. 34,313 |
| Gary D. Yacura | Reg. No. 35,416 |

and all individuals assigned to Customer No. 30593.

DECLARATION AND POWER OF ATTORNEY

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., Customer No. 30593, P.O. Box 8910, Reston, Virginia, 20195, (703) 390-3030.

Full name of sole or first inventor: _____ KSONTINI Rached

Inventor's signature: 

Date: 19 April 2006

Residence: Route Aloys Fauquez 26, CH-1004 Lausanne, Switzerland

Citizenship: Swiss

Mailing Address: same as above

Full name of second inventor: _____ CANTINI Renato

Inventor's signature: 

Date: 05 April 2006

Residence: Route du Moulin 35, CH-1782 Belfaux, Switzerland

Citizenship: Italian

Mailing Address: same as above



US008001615B2

(12) **United States Patent**
Ksontini et al.

(10) **Patent No.:** **US 8,001,615 B2**
 (45) **Date of Patent:** **Aug. 16, 2011**

(54) **METHOD FOR MANAGING THE SECURITY OF APPLICATIONS WITH A SECURITY MODULE**

(75) Inventors: **Rached Ksontini, Lausanne (CH); Renato Cantini, Belfaux (CH)**

(73) Assignees: **Nagravision S.A., Cheseaux-sur-Lausanne (CH); Swisscom Mobile AG, Berne (CH)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 18 days.

(21) Appl. No.: **10/577,158**

(22) PCT Filed: **Nov. 3, 2004**

(86) PCT No.: **PCT/EP2004/052773**

§ 371 (c)(1),

(2), (4) Date: **Apr. 10, 2007**

(87) PCT Pub. No.: **WO2005/046278**

PCT Pub. Date: **May 19, 2005**

(65) **Prior Publication Data**

US 2007/0274524 A1 Nov. 29, 2007

(30) **Foreign Application Priority Data**

Nov. 4, 2003 (EP) 03104069

(51) **Int. Cl.**
G06F 7/04 (2006.01)

(52) **U.S. Cl.** **726/29; 726/2; 380/247; 455/26.1**

(58) **Field of Classification Search** None
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,864,757 A 1/1999 Parker
 5,898,783 A * 4/1999 Rohrbach 340/5.31

| | | | |
|-------------------|---------|----------------------|---------|
| 6,553,375 B1 * | 4/2003 | Huang et al. | 707/10 |
| 6,711,262 B1 * | 3/2004 | Vatanen | 380/277 |
| 6,804,707 B1 * | 10/2004 | Ronning | 709/220 |
| 6,944,859 B2 * | 9/2005 | Bunger | 717/178 |
| 6,947,727 B1 * | 9/2005 | Brynielsson | 455/411 |
| 7,024,226 B2 * | 4/2006 | Sandberg et al. | 455/558 |
| 7,133,920 B2 * | 11/2006 | Tsujiisawa | 709/229 |
| 2002/0062451 A1 * | 5/2002 | Scheidt et al. | 713/201 |
| 2002/0077094 A1 * | 6/2002 | Leppanen | 455/420 |
| 2002/0169983 A1 * | 11/2002 | Rygaard | 713/201 |

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0757502 7/1996

(Continued)

Primary Examiner — Nathan Flynn

Assistant Examiner — Michael R Vaughan

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

(57) **ABSTRACT**

A method for managing the security of applications with a security module associated to an equipment connected to a network managed by a control server of an operator. The applications use resources as data or functions stored in the security module locally connected to the equipment. The method may include steps of receiving, analyzing and verifying, by the control server, identification data from the equipment and the security module, generating a cryptogram from the result of the verification of the identification data, transmitting the cryptogram to the security module of the equipment, and selectively activating or selectively deactivating by the security module at least one resource as data or functions of the security module by executing instructions included in the cryptogram and conditioning the functioning of an application according to criteria established by a supplier of the application or the operator or a user of the equipment.

13 Claims, 1 Drawing Sheet

